1990-12-08-KA-1288

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▼ ANAWALT RESIDENCE

T.M.K. 5-9-02:31

→ Haena Hui Lot 14

Haena, Kauai, Hawaii

Conservation District Use Application

BO DEC 4 M 9:

JOHN WAIHEE



STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621 HONOLULU, HAWAII 96609

REF: OCEA: VIN

WILLIAM W. PATY, CHAIRPERSON BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

Keith W. Ahue
MANABU TAGOMORI
RUSSELL N. FUKUMOTO

AQUACULTURE DEVELOPMENT
PROGRAM
AQUATIC RESOURCES
CONSERVATION AND
ENVIRONMENTAL AFFAIRS
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

MAR | 5 | 1990

FILE NO.: KA-12/4/89-2343 180-Day Exp. Date: 6/1/90 DOCUMENT NO.: 7306E

Mr. Richard Anawalt 11060 W. Pico Boulevard Los Angeles, CA 90064

Dear Mr. Anawalt:

NOTICE OF ACCEPTANCE AND ENVIRONMENTAL DETERMINATION Conservation District Use Application

This acknowledges the receipt and acceptance for processing your application for a single family residence at Haena, Kauai.

According to your information, you propose to build a wooden frame, 4,000 square feet, single story structure at Haena, Kauai. A septic system is also proposed for the single family residence.

After reviewing the application, we find that:

- 1. The proposed use is a non-conforming use within the Limited subzone of the Conservation District according to Administrative Rules, Title 13, Chapter 2, as amended;
- A public hearing pursuant to Section 183-41, Hawaii <u>Revised Statutes</u> (HRS), as amended, is not required for this proposed use, and;
- 3. In conformance with Title 11, Chapter 200, of the Administrative Rules, a negative declaration was determined for the proposed action.

As the applicant, please be advised that it will be your responsibility to comply with provisions of Section 205A-29 (b), Hawaii Revised Statues, relating to Interim Coastal Zone Management (Special Management Area) requirements.

Negative action, as required by Law, on your application by the Board of Land and Natural Resources can be expected should you

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fail to obtain from the Country thirty (30) days prior to the 180-day expiration date, as noted above, one of the following:

- A determination that the proposed development is outside the Special Management Area (SMA);
- A determination that the proposed development is exempt from the provisions of the county ordinance and/or regulation specific to Section 205A-29(b), <u>HRS</u>; or
- 3. A Special Management Area (SMA) permit for the proposed development.

Pending action on your application by the Land Board in the near future, your cooperation and early response to the matters presented herein will be appreciated. Should there be any questions, feel free to contact our Office of Conservation and Environmental Affairs staff at 548-7837.

Very truly yours,

Keik W. She & WILLIAM W. PATY

Attachment

cc: Kauai Board Member
Kauai Dept. of Planning
DOH/OEQC/OHA/OSP

	STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RES P. O. BOX 621 HONOLULU, HAWAII 96809 DEPARTMENT MASTER APPLICATION FO	Date Docket/File No. 180-Day Exp. FIS Required
	(Print or Type)	
para j	I. LANDOWNER/WATER SOURCE OWNER (If State land, to be filled in by Government Agency in control of property)	<pre>II. APPLICANT (Water Use, omit if applicant is landowner) Name</pre>
1	Name <u>ANAWALT LUMBER COMPANY</u>	Address
2.3	Address 11060 W. PICO BLVD.	
{ · ₩	LOS ANGELES, CA.	
1	90064	Telephone No.
	Telephone No. (213)478-0324	Interest in Property
. [3	Date 27 MARJ 1989	(Indicate interest in property; submit written evidence of this interest)
		*SIGNATURE
1.3		Date
t y	III. TYPE OF PERMIT(S) APPLYING FOR	*If for a Corporation, Partnership,
- B	() A. State Lands	Agency or Organization, must be signed by an authorized officer.
()	(x) B. Conservation District Use	IV. WELL OR LAND PARCEL LOCATION REQUESTED
1-5	() C. Withdraw Water From A Ground	District FOURTH
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Water Control Area	Island KAUAI
	() D. Supply Water From A Ground Water Control Area	County KAUAI
F	() E. Well Drilling/Modification	Tax Map Key <u>5-9-02:31 LOT14</u>
4		Area of Parcel 104,560 S.F. (Indicate in acres or sq. ft.) Term (if lease) FEE SIMPLE
ि हैं कि		Term (if lease) FEE SIMPLE

V. Environmental Requirements Refer to Environmental Assessment

Pursuant to Chapter 343, Hawaii Revised Statutes, and in accordance with Title 11; Chapter 200, Environmental Impact Statement Rules for applicant actions, an Environmental assessment of the proposed use must be attached. the Environmental assessment shall include, but not be limited to the following:

- (1) Identification of applicant;
- (2) Identification of approving agency,
- (3) Identification of agencies consulted in making assessment;
- (4) General description of the action's technical, economic, social, and environmental characteristics;
- (5) Summary description of the affected environment, including suitable and adequate location and site maps;
- (6) Identification and summary of major impacts and alternatives considered, if any;
- (7) Proposed mitigation measures, if any;
- (8) Determination;

Y. ENVIRONMENTAL ASSESSMENT

1) APPLICANT:

Richard Anawalt 11060 W. Pico Blvd. Los Angeles, CA. 90064

Submitting for Conservation District Use Permit as a Conditional Use within the Limited subzone of the Conservation District. Single family residence for use by the landowner and his family.

T.M.K. 5-9-02:31 Lot 14 Haena, Kauai, Hawaii was categorized with 23,000 square feet as "good interior house lot " and 37,210 square feet as "good beach lot' in accordance with Exhibit " C " of Civil No. 30 approved by the Fifth Circuit Court on October 20, 1967.

(HAENA HUI PETITION)

2) APPROVING AGENCY:

Department of Land and Natural Resources State of Hawaii P. O. Box 621 Honolulu, Hawaii 96809

3) AGENCIES CONSULTED:

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Island Architects
Architecture/Planning/Construction/Landscape Architecture
P. O. Box 399
Kilauea, Kauai, Hawaii 96754

Design Associates Architecture and Construction Management P.O. Box 3411 Princeville, Kauai, Hi. 96722

Cultural Surveys Hawaii Archaeological Studies 49 S. Kalaheo Ave. Kailua, Hawaii 96734

Esaki Surveying and Mapping Inc. Topographical Map & Shoreline Survey 3145 Akahi St. Lihue, Kauai, Hawaii

4) GENERAL DESCRIPTION OF PROPOSED ACTION:

The residence will be a wood framed, single story structure, with about 4,000 square feet of living space, designed to harmonize with the environment and existing homes in the area.

Electricity is available and temporary power has been supplied to the site by Kauai Electric. An 8 inch diameter water line is available at Kuhio Hiway (approximately 800 feet away).

Underground utilities installation, water & phone, is being coordinated by Pacific Hydroelectric Company, Inc. -General Engineering Contractor.

The property is within the Tsunami "YE" flood zone and the floor will be elevated to 25 feet above mean sea level (about 6 feet above the existing grade). The foundation will be designed to withstand wave action and flood conditions.

Approximate cost of construction of the residence will be one million dollars. A local contractor will purchase most of the materials from merchants on Kauai, and employ skilled workers from the community to complete the project within a year.

The proposed use of the property, single family residential, is compatable with the surrounding neighborhood.

ENVIRONMENTAL ASSESSMENT:

5) SUMMARY DESCRIPTION OF THE ENVIRONMENT:

The subject property is located along the shoreline at Hæna Point, Kauai. The parcel consists of a level lawn area over looking the reefed shoreline with a sandy beach. Vegetation consists of Coco

Palms, Ironwood trees, Hala, Kamane, and Naupaka.

Extensive mechanical grading activity has taken place on the property- mainly in the Makai area. Previous landowners and neighbors removed sand from the property and deposited construction debris in its place. Additional heavy machinary activity took place on the site to clear fallen trees and other debris following Hurricane Iwa (November 1982).

Archaeological study has determined that the intact cultural layer is limited and that no further

research is needed.

Refer to attached Location maps, Topo. map, Site Plan, and Archaeological map for additional info.

6) IMPACTS AND ALTERNATIVES:

In the Archaeological Investigation Report prepared by Cultural Surveys Hawaii it is noted that the intact prehistoric cultural layer is limited, spotty, and probably less rich than at many other Hæna locales and no further archaeological reconnaissance is deemed necessary. There is, never the less, a probability that construction excavation will impact burials and other cultural deposits.

The location of the residence on the property has been adjusted in an attempt to avoid a known

cultural site.

Refer to the Archaeologists conclusions and recomendations and attached maps.

7) MITIGATION MEASURES:

To accompodate Archaeological concerns, the owner will provide for Archaeological monitoring during the construction excavations so that appropriate action may be taken in the event that burials and/or other significant cultural material is unearthed.

The foundation of the residence will not be deeper than three feet— to avoid disturbing the site.

8) DETERMINATION:

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The proposed use, single family residence, is consistent with current use of the area and will have minimal impact on the environment.

Area of Proposed Use RESIDENCE-6000 s.f. (Indicate in acres or sq. ft.)

Name & Distance of Nearest Town or Landmark HANALEI 5 MILES AWAY

Boundary Interpretation (If the area is within 40 feet of the boundary of the Conservation District, include map showing interpretation of the boundary by the State Land Use Commission).

Conservation District Subzone LIMITED
County General Plan Designation OPEN

V. FILING FEE

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- 1. Enclose \$50.00. All fees shall be in the form of cash, certified or cashier's check, and payable to the State of Hawaii.
- 2. If use is commercial, as defined, submit additional public hearing fee of \$50.00.

INFORMATION REQUIRED FOR CONDITIONAL USE ONLY REFER TO MAPS, PLANS & REPORT

- I. Plans: (All plans should include north arrow and graphic scale).
 - A. Area Plan: Area plan should include but not be limited to relationship of proposed uses to existing and future uses in abutting parcels; identification of major existing facilities; names and addresses of adjacent property owners.
 - B. <u>Site Plan</u>: Site plan (maps) should include, but not be limited to, dimensions and shape of lot; metes and bounds, including easements and their use; existing features, including vegetation, water area, roads, and utilities.
 - Construction Plan: Construction plans should include, but not be limited to, existing and proposed changes in contours; all buildings and structures with indicated use and critical dimensions (including floor plans); open space and recreation areas; landscaping, including buffers; roadways, including widths; offstreet parking area; existing and proposed drainage; proposed utilities and other improvements; revegetation plans; drainage plans including erosion sedimentation controls; and grading trenching filling dradging or soil disposal
 - controls; and grading, trenching, filling, dredging or soil disposal.

 D. Maintenance Plans: For all uses involving power transmission, fuel lines, drainage systems, unmanned communication facilities and roadways not maintained by a public agency, plans for maintenance shall be included.
 - E. <u>Management Plans</u>: For any appropriate use of animal, plant, or mineral resources, management plans are required.
 - F. <u>Historic or Archaeological Site Plan</u>: Where there exists historic or archaeological sites on the State or Federal Register, a plan must be submitted including a survey of the site(s); significant features; protection, salvage, or restoration plans.
- II. <u>Subzone Objective</u>: Demonstrate that the intended use is consistent with the objective of the subject Conservation District Subzone (as stated in Title 13, Chapter 2).

INFORMATION REQUIRED	FOR	ALL	02F2
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I.	Desci	ription of Parcel Refer to enclosed maps and plans			
	Α.	Existing structures/Use. (Attach description or map).			
	В.	Existing utilities. (If available, indicate size and location on map. Include electricity, water, telephone, drainage, and sewarage).			
	c.	Existing access. (Provide map showing roadways, trails, if any. Give street name. Indicate width, type of paving and ownership).			
	D. Vegetation. (Describe or provide map showing location and types of vegetation. Indicate if rare native plants are present).				
	E.	Topography; if ocean area, give depths. (Submit contour maps for ocean areas and areas where slopes are 40% or more. Contour maps will also be required for uses involving tall structures, gravity flow and other special cases).			
	F.	If shoreline area, describe shoreline. (Indicate if shoreline is sandy, muddy, rocky, etc. Indicate cliffs, reefs, or other features such as access to shoreline).			
	G.	Existing covenants, easements, restrictions. (If State lands, indicate present encumbrances.)			
	н.	Historic sites affected. (If applicable, attach map and descriptions).			
II.	Desci to be	ription: Describe the activity proposed, its purpose and all operations conducted. (Use additional sheets as necessary). See discription sheet			
III.	I. Commencement Date: SEPT. 1989				
	Completion Date:SEPT. 1990				
IV.	TYPE	OF USE REQUESTED (Mark where appropriate)			
	1.	Permitted Use (exception occasional use); DLNR Title 13, Chapter 2, Section; Subzone			
	2.	Accessory Use (accessory to a permitted use): DLNR Title 13, Chapter 2, Section; Subzone			
	3.	Occasional Use: Subzone			
	٨	Temporary Variance: Subzone .			

Conditional Use: Subzone LIMITED NON CONFORMING USE

II. DESCRIPTION

The proposed one story, single family residence consists of five bedrooms and six baths with a living area of approximately four thousand square feet. Building size and style is similar to other beach front homes in the neighborhood.

The home will be for the use of the owner and his family. This property is part of the Haena Hui petition, approved by the courts on October 2C, 1967 (Exhibit "C" Civil No. 3O) in which the courts approved a petition with the intent to establish residential lots. The Board of Land and Natural Resources has established a policy (January, 1981) of one house per lot when certain criteria are met.

The design of the residence is sensitive to the specific characteristics of the site. The steep pitched roof forms compliment the peaks along the Na Pali range in the distance. Horizontal lines of the building (the floor line, deck railing and lower roof pitch) blend well with the horizon on the Ocean, the level beach and the natural flat terrace of the building site.

The floor level will be established at twenty five (25) feet above mean sea level, which is above the required height in the Tsunami "VE "zone (lowest framing member must be at or above 24' above mean sea level).

The building will rest upon a foundation of large round concrete column which will be connected at ground level by a grade beam. Foundation will be less than three feet deep, to avoid disturbing the site.

Open space below the building will vary between five and six feet and will allow any excessive wave action to pass between the supporting columns with minimal impact. Garage will have break-away walls in the area that is under the flood height.

Floor system of the building is planned to be a six inch thick concrete slab with larger concrete beams formed in place. Slate flooring will be used throughout the house and on the decks.

Walls of the building will be typical wood frame construction with "Dryvit" exterior wall insulation and finish system applied. The exterior wall surface will have the texture of sand and appear to be smooth stucco. Windows and doors will be wooden with salt resistent marine hardware.

Corrugated stainless steel roofing will be used on the building. The roof will compliment the existing homes in the area- both in form and material.

Under ground utilities will be provided to the residence and a septic tank and drainage field system designed to meet requirements of the State Health Department will meet sanitation needs.

Existing natural drainage patterns will not be disturbed by the construction of the residence or the

installation of the utilities and septic system.

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An Archaeological investigation of the property (T.M.K. 5-9-02-31) has been conducted by Cultural Surveys Hawaii. The conclusions and recommendations from the survey are included with this submittal. The detailed report has been sent to the Historic Sites division of the Dept. of Land and Natural Resources.

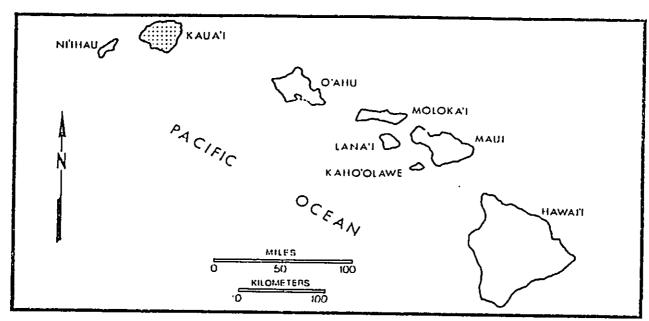


FIGURE 1 State of Hawai'i

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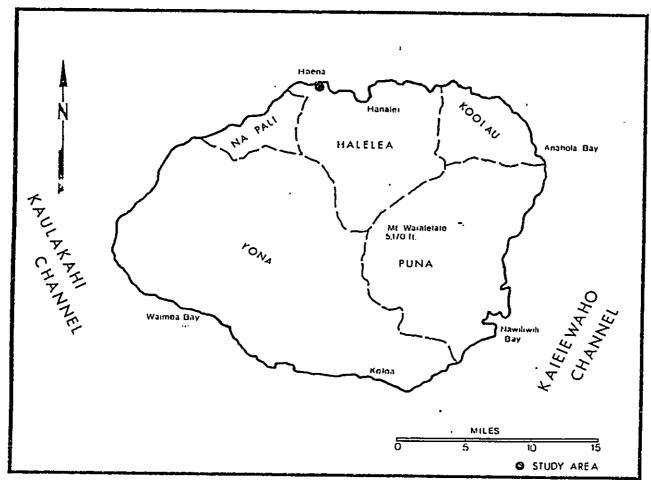
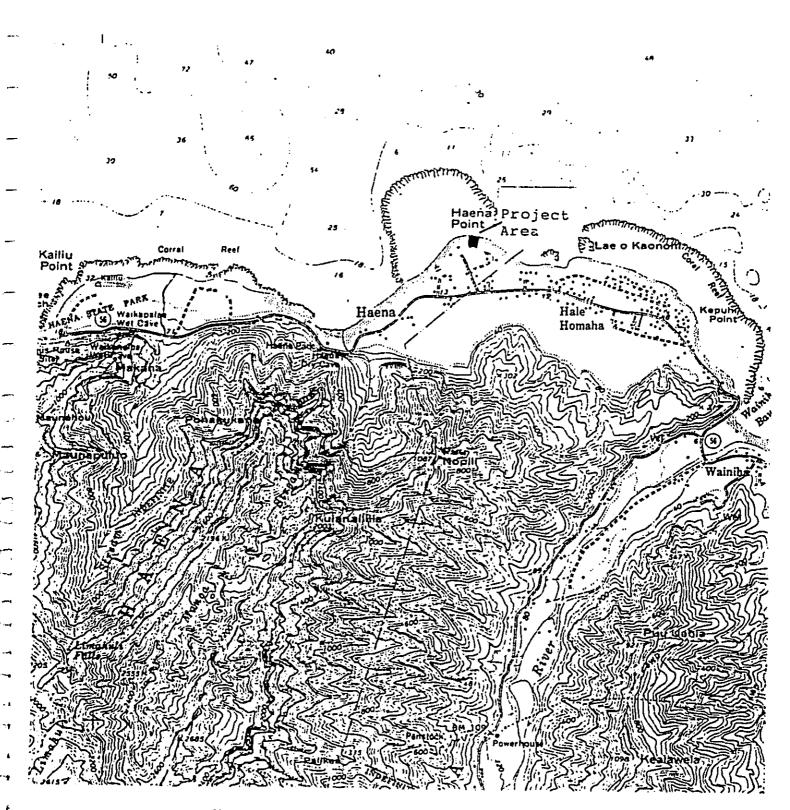
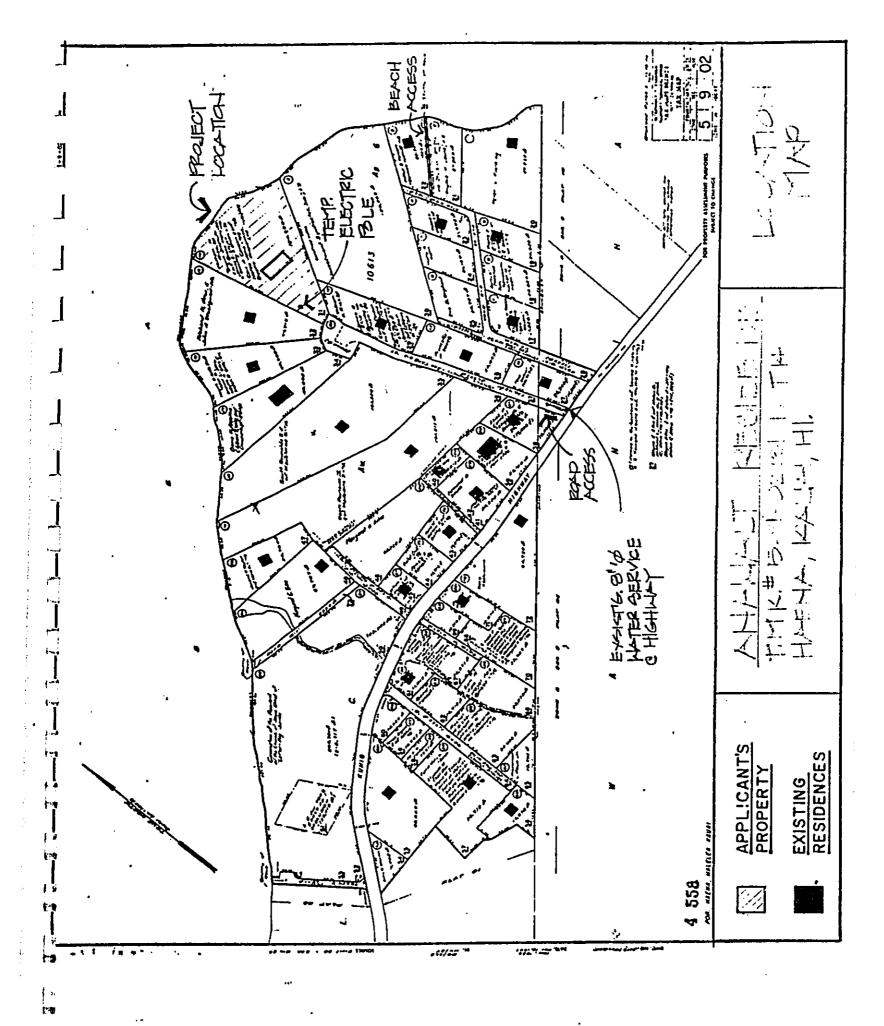


FIGURE 2
General Location Map, Kaua'i Island



USGS Ha'ena Quad showing Project Area (Shaded)



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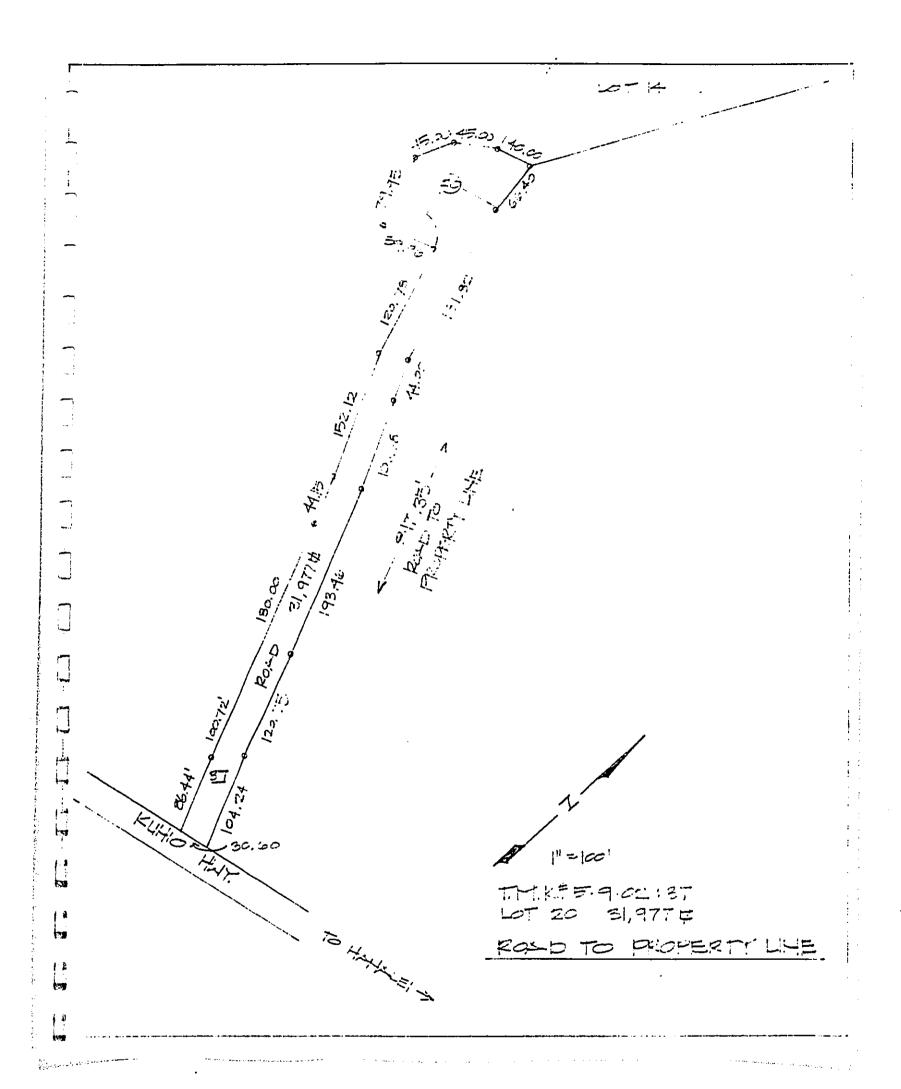
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SCHEDULE C

All of that certain parcel of land (portion of the land described in and covered by Royal Patent Number 3596, Land Commission Award Number 10,613, Apana 6 to Abner Paki) situate, lying and being at Haena, Halelea, Island and County of Kauai, State of Hawaii, being LOT 14 of the "HAENA HUI", same being a portion of the Ahupuaa of Haena, and thus bounded and described:

Beginning at the Southeast corner of this parcel of land, being also the Northwest corner of Lot 12 and the Northeast corner of Lot 20, the coordinates of which referred to Government Survey Triangulation Station "NIHA 2" being 761.27 feet North and 4,141.46 feet West, and running by azimuths measured clockwise from true

1.	74°	00'	40.00	feet	along	remainde	er of	the
				Ahupu Roadw	aa of	Haena	(Lot	20,

2. 168° 30' 467.70 feet along remainder of the Ahupuaa of Haena (Lot 15) to highwater mark at seashore;

> Thence following along highwater mark at seashore for the next four (4) courses, the direct azimuths and distances between points at said highwater mark being:

3.	233°	59 '	40.60 feet;
4.	263°	56'	193.00 feet;
_	2020		

303° 05' 80.20 feet;

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6. 288° 54' 91.04 feet; thence 7. 30°

485.46 feet along remainder of the Ahupuaa of Haena (Lots 13 and 12) to the point of beginning and containing an area of 104,660 square feet, more or less.

Together with an undivided one-tenth (1/10) interest in Lot 20 (Roadway) and more particularly described as follows:

SCHEDULE C (Continued)

All of that certain parcel of land (portion of the land described in and covered by Royal Patent Number 3596, Land Commission Award Number 10,613, Apana 6 to Abner Paki) situate, lying and being at Haena, Halelea, Island and County of Kauai, State of Hawaii, being LOT 20 (Roadway) of the "HAENA HUI", same being a portion of the Ahupuaa of Haena, and thus bounded and described:

Beginning at the Southwest corner of this parcel of land, in the Northwest boundary of Lot 1 of Wainiha Hui Land (Equity No. 109), being also the Southeast corner of Lot 21, the coordinates of which referred to Government Survey Triangulation Station "NIHA 2" being 62.24 feet North and 3,958.40 feet West, and running by azimuths measured clockwise from true South:

~ · · · · · ·				
1.	160°	50'	324.87	feet along remainder of the Ahupuaa of Haena (Lots 21, 19, and 18);
2.	156°	32'	152.12	feet along remainder of the Ahupuaa of Haena (Lot 18);
3.	166°	20'	120.78	feet along remainder of the Ahupuaa of Haena (Lot 18);
4.	76°	201	59.96	feet along remainder of the Ahupuaa of Haena (Lot 18);
5.	160°	24'	79.95	feet along remainder of the Ahupuaa of Haena (Lot 17);
6.	207°	30'	45.00	feet along remainder of the Ahupuaa of Haena (Lot 16);
7.	239°	30'	45.00	feet along remainder of the Ahupuaa of Haena (Lot 15);
8.	254°	00'	40.00	feet along remainder of the Ahupuaa of Haena (Lot 14);
9.	358°	48'	66.40	feet along remainder of the Ahupuaa of Haena (Lot 12);
10.	34 6°	20 '	181.82	2 feet along remainder of the Ahupuaa of Haena (Lot 12);

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SCHEDULE C (Continued)

~	11.	330°	32'	150.68	<pre>feet along remainder of the Anupuaa of Haena (Lots 12 and 11);</pre>		
- .	12.	340°	50'	314.21	<pre>feet along remainder of the Anupuaa of Haena (Lots 11 and 10);</pre>		
	13.	49°	25'	32.23	feet along the Northwest boundary of Lot I of Wainiha Hui Land (Equity No. 109) to the point of beginning and containing an area of 29,116 square feet.		
.=•		he fol	llowing described parce	el of la			
	All of that certain parcel of land (portion of the land described in and covered by Royal Patent Number 7194, Land Commission Award Number 11216, Apana 5 to N. Kekauonoki) situate, lying and being on the north side of Government Main road at Wainiha, Halelea, Island and County of Kauai, State of Hawaii being PORTION OF LOT 1 of the "WAINIHA HUI LAND", and thus bounded and described:						
]	Beginning at the Northwest corner of this parcel of land, on the boundary between the lands of Wainiha and Haena, the coordinates of which referred to Government Survey Triangulation Station "Niha 2" being 62.24 feet North and 3,958.40 feet West, and running by azimuths measured clockwise from true South:						
٠ ٦	1.	229°	25'	32.23	feet along the Ahupuaa of Haena;		
لب	2.	340°	50'	104.24	feet along remainder of Lot 1 of Wainiha Hui Land;		
	3.	82°	12'	30.60	feet along the North side of Government Main Road;		
p-mg							

SCHEDULE C (Continued)

4. 160° 50'

86.44 feet along remainder of Lot 1 of Wainiha Hui Land to the point of beginning and containing an are of 2,860 square feet.

Being the land conveyed to MICHAEL LOVE, unmarried, by Deed dated _--_, 1985, recorded on February 24, 1985 in Book 18460 Page 264.

ADJACENT PROPERTY OWNERS

- T.M.K. 5-9-02:17 Lot 9 21,220 s.f. Culbertson, Louise A. 3846 Everest St. Riverside, Ca. 92503
- T.M.K. 5-0-02:18 Lot 6 22,224 s.f. Cryer, Edwin T. 2332 Tablerock Rd. Boise, Id. 83712
- T.M.K. 5-9-02:19 Lot 5 24,522 s.f. Chandler, Francis E. / E.M. P.O. Box 108 Hanalei, Hi. 96714
- T.M.K. 5-9-02:20 Lot 1 93,263 s.f. Frolking, Peter H. Box 325 Hanalei, Hi. 96714
- T.M.K. 5-9-02:21 Lot 2 27,203 s.f. Bart, Earl G. / Victoria 2041 N. Main St. Santa Ana, Ca. 92706
- T.M.K. 5-9-02:22 Lot 3 23,359 s.f. Moncrief, David R. 46-534 Haiku Plants Pl. Kaneohe, Hi. 96744
- T.M.K. 5-0-02:23 Lot4 21,492 s.f. Hedin, Robert A. P.O. Box 1211 Kalaheo, Hi. 96741
- T.M.K. 5-9-02:24 Lot 7 21,194 s.f. Phillips, E. Alan 990 Leigh Mill Rd. Great Falls, Va. 22066
- T.M.K. 5-9-02:25 Lot 8 24,787 s.f. Oliphant, Eric B. 4400 One Williams Ctr. Tulsa, Ok. 74172
- T.M.K. 5-9-02:27 Lot 10 25,245 s.f. McBain, John B. 2680 North Rodeo Guich Rd. Soquel, Ca. 95073
- T.M.K. 5-9-02:28 Lot 11 34,092 s.f. Smith, Albert W. / Etal P.O. Box 164 Homewood, Ca. 95718

- T.M.K. 5-9-02:29 Lot 12 37,688 s.f. Kaufman, Frederick W. P. 0. Box 295 Hanalei, HI. 96714
- T.M.K. 5-9-02:30 Lot 13 189,252 s.f. Wilson, Brian / Marilyn c/o Priven Alan 6660 Reseda Blvd. #110 Reseda, Ca. 91335
- T.M.K. 5-9-02:32 Lot 15 77,713 s.f. Steelquist, John / Etai. 4054 Tantalus Dr. Honolulu, Hi. 96822
- T.M.K. 5-9-02:33 Lot 16 49,968 s.f. Ellis, Wayne E. / Helen R. P.O. Box 1749 Lihue, Hi. 96766
- T.M.K. 5-9-02:34 Lot 17 59,698 s.f. Zimmerman Stuart / Evelyn M. P.O. Box 948 Fairfield, la. 52556
- T.M.K. 5-9-02:35 Lot 18 199,395 s.f. Murcia-Toro Company 9107 Wilshire Blvd. Beverly Hills, Ca. 90210
- T.M.K. 5-9-02:36 Lot 19 161,311 s.f. Glenn Frey 2121 Ave. of the Stars Los Angeles, Ca. 90067
- T.M.K. 5-9-02:38 Lot 21 26,186 s.f. Brian D. Kennelly & wf. Elizabeth C. Box 92 Hanalei, Hi. 96714
- T.M.K. 5-9-02:39 Lot 22 27,154 s.f. Simpson, Garland F. / Caroline P.O. Box 719 Kilauea, Hi. 96754
- T.M.K. 5-9-02:40 Lot 24 9,812 s.f. Eno, Gary R. / Corrine E. 1414 Milvia St. Berkley, Ca. 94709
- T.M.K. 5-9-02:41 Lot 23 28,322 s.f. E. Brian Smith 3271 Westwood Drive Carlsbad, Ca. 92008

ARCHAEOLOGICAL INVESTIGATIONS AT SITE 50-30-02-1809

AT A RESIDENTIAL PROPERTY (TMK 5-9-02-31)

HA'ENA, HALELE'A, KAUA'I (ANAWALT PROPERTY)

Prepared by

Hallett H. Hammatt, Ph.D David W. Shideler, M.A.

Cultural Surveys Hawaii

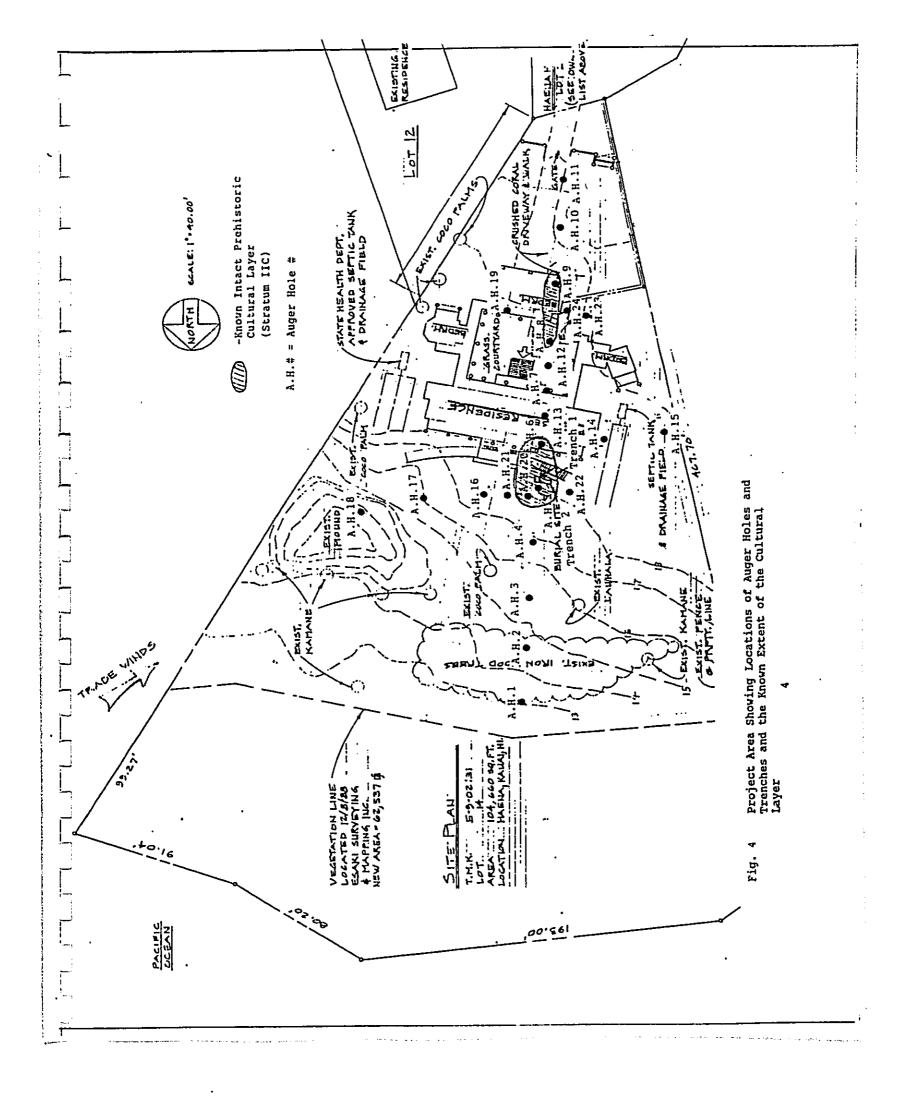
Prepared for
Design Associates
October 1989

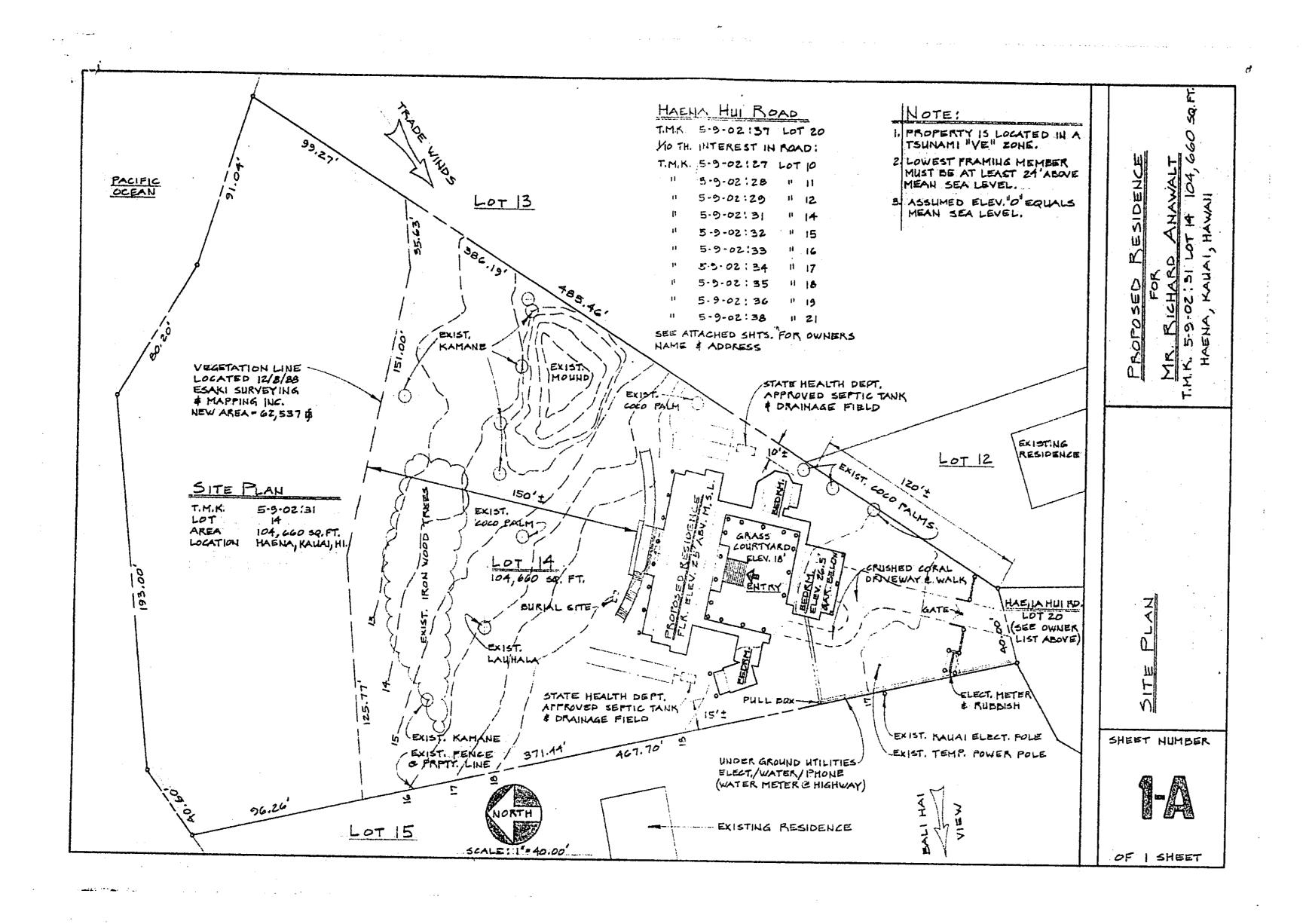
VII. Conclusions and Recommendations Conclusions

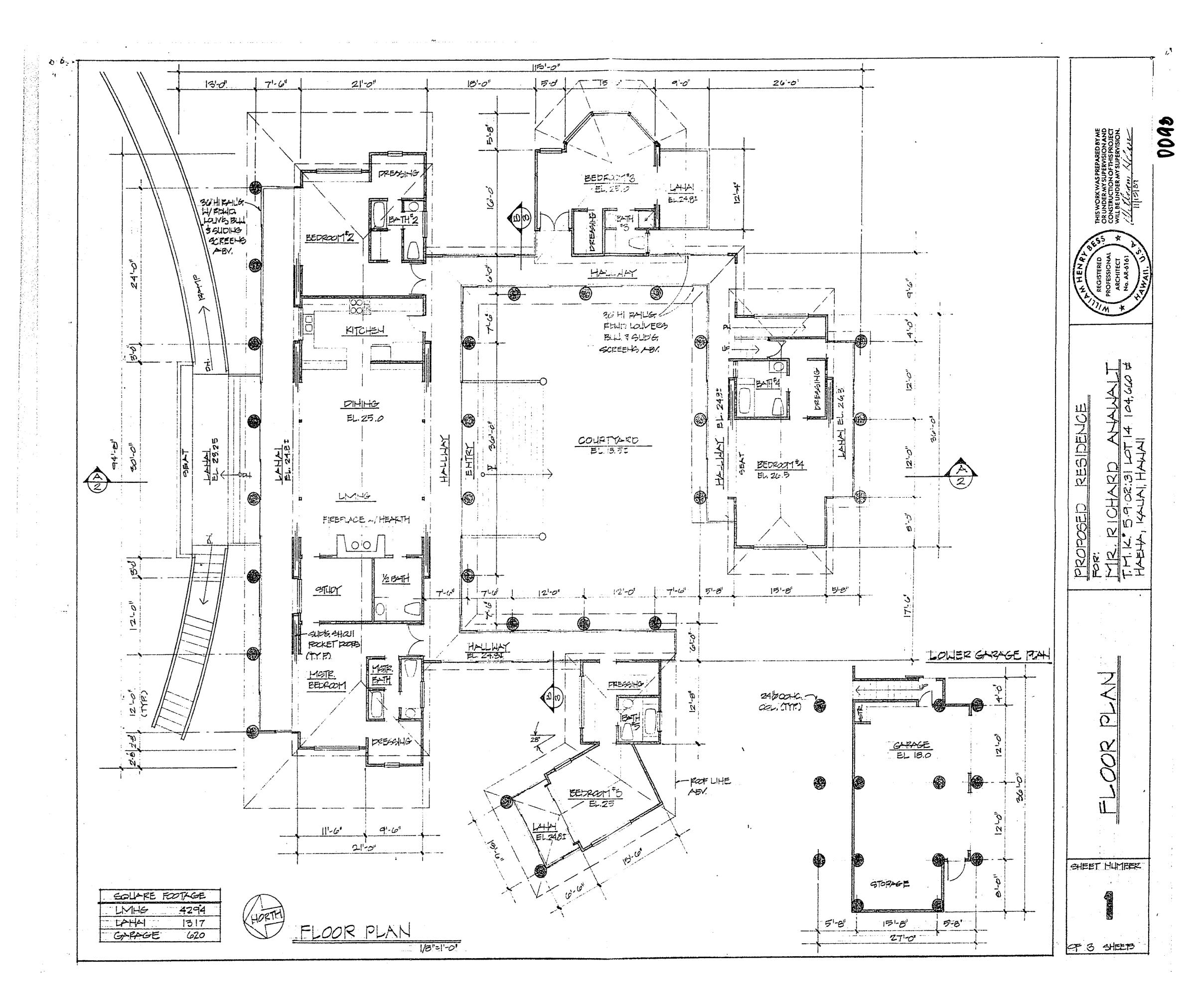
The results of extensive mechanical grading activity was clearly visible in 18 of the 26 archaeological investigations. Mr. David Breen who has been aware of the property for over 10 years and has been a recent caretaker of the Anawalt property reported that a previous adjacent land owner - who was a construction contractor, mined sand from the property with a backhoe and deposited construction debris (cement, metal, rocks) there, leaving pits and half-buried junk. Furthermore, there was additional heavy machinery activity on the site to clear fallen trees and other debris following Hurricane Iwa (November 1982). The result of all this activity has been to greatly disturb the prehistoric cultural layer which was only found in an undisturbed state in 7 of the excavations in two discrete relatively small areas (about 15' in diameter). An effort to quantify the extent of human utilization of the site within the extant cultural layer was undertaken at Trench 2. The relatively low concentration index for the midden (C.I. of 357) and the general absence of artifacts (1 volcanic glass flake) suggests that this area was not as extensively utilized during prehistoric times as other locations at Ha'ena Point (cf. Zimmerman and Rasten properties). However, the presence of two burials, one disturbed and fragmentary, the other undisturbed, within Trench 2 suggests that there is a significant probability of more burials on the property.

Recommendations

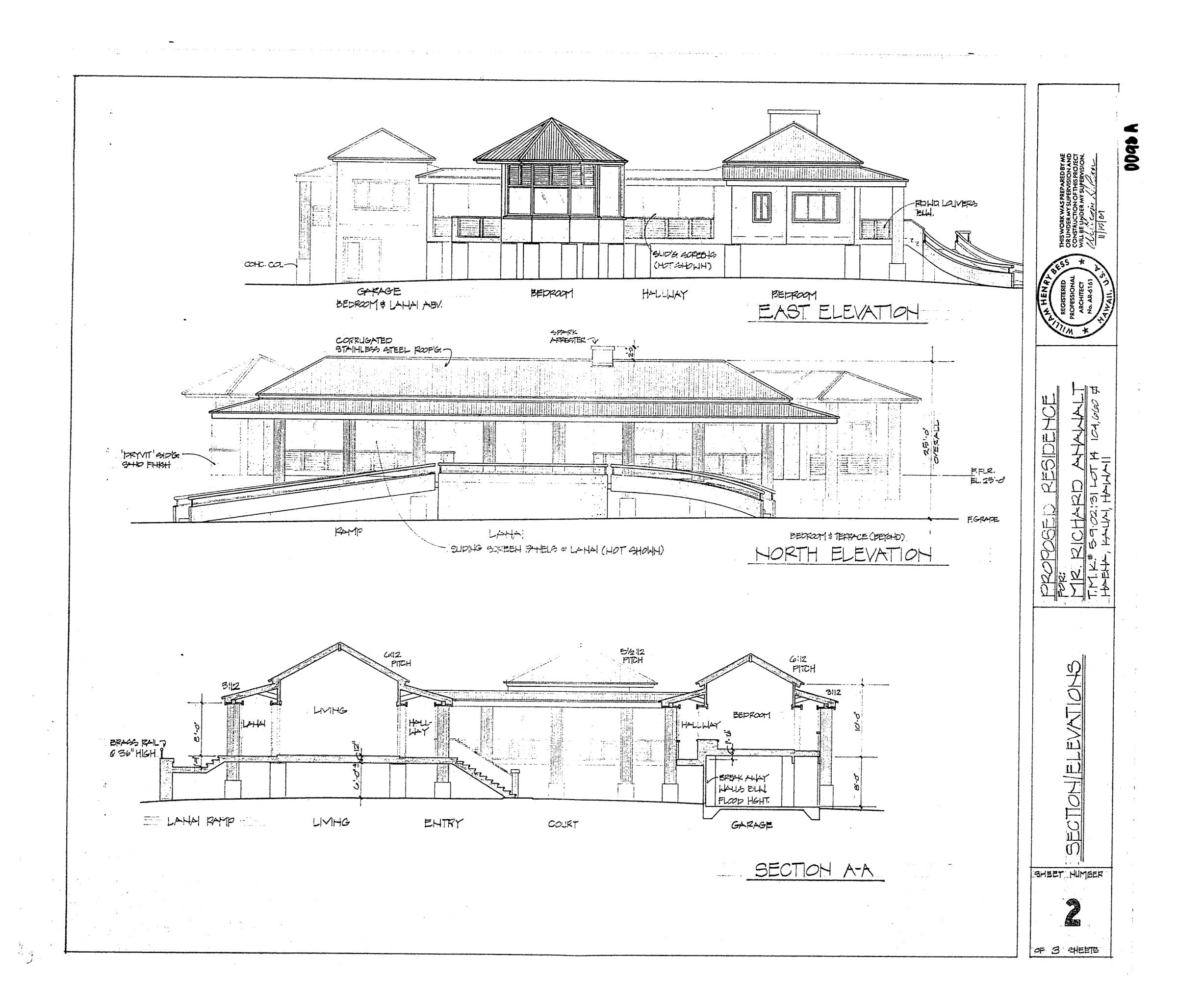
As the intact prehistoric cultural layer is limited, spotty, and probably less rich than at many other Hā'ena locales no further archaeological reconnaissance is deemed necessary. There is nevertheless, a significant probability that construction excavation will impact burials and other significant cultural deposits. Therefore it is recommended that archaeological monitoring accompany construction excavations to take appropriate action in the event that burials and/or other significant cultural material is unearthed.







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